"FEE ADDRESS" INDICATION FORM

To: MAIL STOP: M Fee Correspondence

U.S. Patent & Trademark Office

P.O. Box 1450

Alexandria, VA 22313-1450

Please recognize as the "Fee Address," under the provisions of 37 CFR 1.363, the following address:

CPA GLOBAL NORTH AMERICA LLC 2318 Mill Road

12th Floor Alexandria, VA 22314

Payor Number: 000197

in the following listed application(s) or patent(s) for which the issue fee has been paid.

Patent No.	Serial No.	Patent Date	Filing Date	Confirmation No.	Attorney Docket No.
7,646,143B2	09/837,105	01/12/2010	04/18/2001	9007	SEL253

Respectfully Submitted,

Mark J. Murphy Registration No. 34,225

Date: February 22, 2011

Husch Blackwell LLP 120 South Riverside Plaza Suite 2200 Chicago, Illinois 60606 (312) 655-1500

Customer No: 24628



US0076461431

(12) United States Patent Kimura

(10) Patent No.: (45) Date of Patent: US 7,646,143 B2 Jan. 12, 2010

(54)	ELECTR	GHT EMITTING DEVICE AND ICAL APPLIANCE USING THE	5,555,109 A 9/1996 Zimmerman et al		
	SAME		5,608,286 A * 3/1997 Levine et al		
(75)	Inveutor:	Hajime Kimura, Kanagawa (JP)	5,684,365 A * 11/1997 Tang et al		
(73)	Assignee:	Scmlconductor Energy Laboratory Co., Ltd. (JP)	5,781,255 A * 7/1998 Yamamoto et al		
(*)	Notice:	Subject to any disclaimer, the term of this patent is extended or adjusted under 35 U.S.C. 154(b) by 805 days.	5,932,892 A * 8/1999 Hscuh et al		
		00.000	(Continued)		
(21)	Appl. No.:	09/837,105	FOREIGN PATENT DOCUMENTS		
(22)	Filed:	Apr. 18, 2001	EP 0 787 271 B1 8/1997		
(65)	65) Prior Publication Data		(Continued)		
. ,	US 2001/0	0035713 A1 Nov. 1, 2001	OTHER PUBLICATIONS		
(30)) Foreign Application Priority Data		U.S. Appl. No. 09/631,067 (pending) to Kimura, including specifi- cation, claims, abstract, drawings and PTO filing receipt.		
Ap	r. 21, 2000	(JP) 2000-121854	(Continued)		
(51)	Int. Cl. H01J 1/62 H01J 63/6 H01K 1/2	94 (2006.01)	Primary Examiner—Ninneshkumar D. Patcl Assistant Examiner—Natalie K Walford (74) Attorney, Agent, or Firm—Cook Alex Ltd.		
(52)	U.S. Cl		(57) ABSTRACT		
(58)	313/500; 313/504; 313/505; 313/110; 313/112 Field of Classification Search		A self-light emitting device and an electrical appliance		

See application file for complete search history.

References Cited

(56)

U.S. PATENT DOCUMENTS

313/503, 504, 506, 509; 257/59, 72, 347, 257/348, 349; 345/77

 A scin-ight enimong cover and an electrical apparance including the same are provided, in which extracting efficiency of light from a light emitting element, especially in an EL element, can be improved. A light scattering body formed by etching a transparent film is provided on an insulator so that the extracting efficiency of light can be improved, and the self-light emitting device with high efficiency of light emission can be provided.

20 Claims, 16 Drawing Sheets

